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| **Indian School Al Wadi Al Kabir - Syllabus break up for 2014-15** | | | | |
| Class 12  mathematics | Week1 | Week2 | Week3 | Week4 |
| **APRIL** | →Types of **Matrices**  →Operation on matrices | →Multiplication of matrices  →transpose of a matrix →symmetric and skew symmetric matrices  →inverse of a matrix  → elementary transformation.  →Miscellaneous | →**Determinant**, Its expansion, properties | →Area of triangle  →Ad joint and inverse,  → solution of system of linear equations using inverse |
| **MAY** | **Relations & Functions**  → Equivalence relation,  →Types of functions | →Composition of functions,  →Inverse of a function,  → binary operation  →Miscellaneous | **Inverse Trigonometric**  **Functions**  →Properties of 1)  , ,  2) Expansion of  →Principal branch  →Miscellaneous | **Continuity &Differentiability**  → LHL , RHL,  →Chain Rule  →Exp & Log functions |
| **JUNE** | →Log diff, Parametric forms  → 2nd Order Derivative  → MVT  →Miscellaneous | **Application of Derivatives**  →Rate of change  →Increasing and decreasing functions | - | - |